

MATERIAL SAFETY DATA SHEET

Page 1 of 3

Product Name: **SEALXPERT® HI-TEMP MOLY GREASE**
MSDS No: 204 Revision No: 0

Issued by: Yogesh
Issue Date: 29 September 2016

Section 1 – Company Details

Company Name: SealXpert Products
Address: 60 Kaki Bukit Place #09-11 Eunos Techpark
Singapore 415979

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Section 2 – Composition

Ingredient	CAS NO.	Content (Wt%)
Graphite	7782-42-5	2-5
Molybdenum (IV) sulfide	1317-33-5	2-5
Limestone	1317-65-3	2-5
Glycerin	56-81-5	1-2

Section 3 – Hazardous Identification

Main hazards: No significant hazard.

Section 4 – First Aid Measures

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Inhalation: Move to fresh air. If symptoms develop and persist, get medical attention.

Ingestion: Do Not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if symptoms occur.

Section 5 – Fire Fighting Measures

Suitable Extinguishing media: Water spray, alcohol-resistant foam, carbon dioxide, dry chemical.

Special firefighting procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Special hazards during firefighting: Exposure to combustion products may be a hazard to health.

Hazardous combustion products: Carbon oxides, silicon oxides, chlorine compounds, formaldehyde, metal oxides, sulfur oxides.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Section 6 – Accidental Release Measures

Environmental precautions: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Clean-up methods: Soak up With inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill With suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You Will need to determine Which regulations are applicable.

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Page 2 of 3

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Section 7 – Handling and Storage

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep area ventilated. Keep container closed. Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, Waste and minimize release to the environment.

Storage: Keep away from heat, spark and flame. Keep container tightly closed and in a cool, well-ventilated place.

Hygiene practices: Wash thoroughly after handling.

Materials to avoid: Strong oxidizing agents.

Section 8 – Exposure Controls / Personal Protection

Eye protection: Safety goggles or safety glasses.

Skin protection: Use protective clothing including gloves and either an apron or body suit to prevent skin contact.

Respiratory system protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Hygiene measures: Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

Section 9 – Physical and Chemical Characteristics

Appearance: Paste

Color: Black

Odor: Slight

Odor threshold: Not available

pH: Neutral

Boiling point/range: > 315 °C (599 °F)

Melting point/ range: Not available

Flash point: > 310 °C (590 °F)

Flammable/Explosive limits - lower: Not available

Flammable/Explosive limits - upper: Not available

Vapor Pressure: No data available

Vapor Density: No data available

Specific Gravity: 1.02

Autoignition temperature: Not available

Evaporation rate: Not available

Solubility in water: Insoluble in water

Solubility in other solvents: Largely soluble in aliphatic solvents

Partition coefficient (n-octanol/water): Not available

Viscosity: Not available

Decomposition temperature: Not available

Flammable Properties: Not flammable

Explosive Properties: No data available

Oxidizing Properties: No data available

Section 10 – Stability and Reactivity

Stability: Stable under normal conditions of storage and use.

Possibility of hazardous reactions: Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents.

Hazardous decomposition products: Will be formed at elevated temperatures.

Incompatible materials: Oxidizing agents.

Reactivity: Not classified as a reactivity hazard.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials.

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Page 3 of 3

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Section 11 – Toxicological Information

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.

Section 12 – Ecological Information

Environmental effect and distribution: Data not available.
Environmental influence: Data not available.
Biology accumulation: Data not available.

Section 13 – Disposal Considerations

Special instructions: Observe all federal, state and local laws and regulations.

Section 14 – Transportation Information

Transportation: Not classified as Dangerous Goods and can be transported by Road, Rail and Air.
The item is not restricted or not regulated as per IATA

Section 15 – Regulatory Information

Observe the governmental or local regulations to use the product safely.

Section 16 – Other Information

Discard contaminated clothing immediately. Maintain clean equipment and work areas. Avoid inhalation of fumes. Wipe up spills immediately.

Warning to users:

This data sheet completes the technical notices but does not supersede them. The information contained in it is grounded to the statement of our knowledge of the product concerned at the publishing date.

Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the use of the products he knows.

The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfill his duties when using the product. This list must not be considered as exhaustive. It does not stop the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person.